

B·A·R·G NEWS

JULY 1990



© Monthly Newsletter of the
Ballarat Amateur Radio Group

PRESIDENT	Ian McDonald	VK3AXH		311317
IMH PAST PRESIDENT	Gordon Cornell	VK3KGC	392427	391135
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TECHNICAL OFFICER	Dick Antosiewica	VK3AEX	323273	321818
MEMBERS REP	Mary Curnow	VK3NMC	301927	
	Reg Carter	VK3CAZ		

OFFICERS AND COMMITTEES.

QSL MANAGER	Jeff Pigdon	VK3PAP	327041	311211
AWARDS MANAGER	Maurie Ball	BK3XEX	422245	
PROPERTY OFFICER	Dick Antosiewicz	BK3AIX	323273	381818
HAMFEST CONVENER	Kevin Hughes	VK3WN	355011	
WICEN COMMITTEE	Gordon Cornell	VK3KGC	392487	391135
	Tom George	VK3TOM	355662	327234
	Geoff Smith	VK3ADB	332112	321719
TECHNICAL COMMITTEE	Merv Hooley	VK3KAW		311317
	Ian McDonald	VK3AXH		311317
	Dick Forrester	VK3VU	357663	391001
	David McConnell	VK3YNB		
NEWSLETTER EDITORS	Bob Terrill	VK3BNC	395317	391001
	Harry Hekkema	VK3KGL	357563	391001

REPEATERS: VK3RBA - 146.750 Voice. Mt. Buninyong (ch.3)

VK3RBS - 146.900 Voice. Smeaton Hill (ch.6)

VK3RPC - 147.575 Packet. Mt. Warrenheip.

CLUB NET: ON 3.5610 Mhz. SSB +/- QRM.

Every Thursday at 8PM.

MEETINGS: Held every last Friday of month at 7.30PM. in the

Ballarat Community Education Centre

Hopetoun St.

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Presidents Note -----

Its on a sad note that I begin my term as President with the recent loss of three of our local amateur fraternity - George VK3DKJ, Lloyd VK3ALM and Tim VK3DIR.

All amateurs were well aware of George's contribution to our hobby. He always made himself available to test this, make that or simply be on hand to give advice if and when required. George grew up in the Wimmera district (then VK3ZEA now held by his son Ian) and had many noted contacts in the early days of 6 and 2 metres from the Rainbow area. He moved to Sunshine more than 20 years ago which is where I first met George on the 6 metre A.M. band. We used to have a mobile net (simplex) working all over Melbourne - how different it is today with repeaters. He was very active in the ATV area which continued when he took up residence in Ballarat. George was one of the old school where often through necessity the motto was "if you can build it, don't buy it". It was a credit to a man of his age to still be on the end of a soldering iron and making his own printed circuit boards. Your presence will be sadly missed, mate.

Some 10 years ago I received a phone call from a local amateur enquiring on behalf of Tim Palmer as to how he may be examined for his amateur licence. It wasn't long before Tim obtained his limited licence and later upgraded to be VK3DIR. Although Tim was blind this was never a barrier to him. Tim went to America to study piano tuning for 3 years and during this time met and married his wife, Marcia. On returning to Ballarat, Tim set up a piano tuning business where he established himself as a competent tradesman.

Many of the newer local amateurs would not have known Lloyd McPherson but may have been familiar with his business interest know as McPherson and Tinker dealing in electrical goods and later radio and television from a shop in Armstrong St Nth. Lloyd VK3ALM was a keen H.F. operator who had a love for the 20 metre band. You may remember his "nally" mast just down the road from the malt house in Gregory St with the TH6 on top. Lloyd's other interests included slow scan and fast scan TV. Due to illness he was not active over the past few years.

The club extends deepest sympathy to family members of George, Tim and Lloyd at this time.

The Club has a lot of things planned for the next twelve months. A number of visits and social gatherings are currently being organised details of which will appear in the next magazine or if arranged before hand keep listening to the Club Net. Our first run amateur exams and novice course has passed and been a great success. Thanks to VK3DCS, VK3CAZ, VK3AAP and VK3KGC for there efforts in running the exams.

Its good to see the increasing number of amateurs getting involved in the Clubs 2 metre Sunday night scramble. If you participate there is the chance of winning a prize for gaining the highest aggregate points at the end of each month. Don't forget to submit you log at the club meeting if you think your in the running as a winner.

73's Ian VK3AXH

MINUTES OF B.A.R.G. ANNUAL GENERAL MEETING HELD 29th JUNE 1990.

MEETING OPENED by President Gordon VK3 KGC at 7.45pm with 34 members and visitors in attendance.

APOLOGIES _ VK3- DS, TI, XEX, CUH, KIT, DOK.

MINUTES of A.G.M. held June 30th 1989 were read and confirmed. ADB/TOM

ANNUAL REPORT as circulated was adopted. KGC/AAP

FINANCIAL REPORT as presented by treasurer Harry KGL adopted. KGL/TAC

ELECTION OF OFFICERS 1990-91. President Gordon declared all Club offices vacant and proceeded to call for nominations. At the conclusion of the election of Officers Immediate Past President Gordon thanked Club Members for their support and presented the gavel to incoming President IAN VK3 AXH who proceeded with the General Meeting.

B.A.R.G. General Meeting.

MINUTES of previous meeting as circulated were confirmed. KGC/ADB

CORRESPONDENCE Donation of \$8 from examination applicant Bob Fletcher. Newsletters from G.R.A.C. and E.M.D.R.C.

TREASURER. Accounts as presented were passed for payment. CAZ/AAP

EDUCATION Ian AXH has received applications from 20 aspiring Hams for examinations to be held on 15th July. After a full discussion it was resolved that the Club would hold four examinations a year in line with WIA policy plus two supplementary exams to coincide with completion of Club classes

TECHNICAL OFFICER'S REPORT as circulated was adopted. TOM/CCB

PROPERTY OFFICER'S REPORT as circulated was adopted. KCG/ADB

QSL MANAGER Jeff PAP received 400 cards in and 100 went out. Jeff is holding numbers of cards for members, if you expect cards contact Jeff.

HAMVENTION Convener Kevin WN has arrangements in hand for a guest speaker at the Saturday night get together and a Packet demonstration.

GENERAL BUSINESS. Cliff CCB has possible access to a quantity of obsolete computer equipment. Further information shortly.

The Committee suggested that the Club present a name badge to all Club members.

Moved KGC seconded CAZ that this be done. carried.

Gordon KGC will continue to represent BARG on WIA Club and Zone Net.

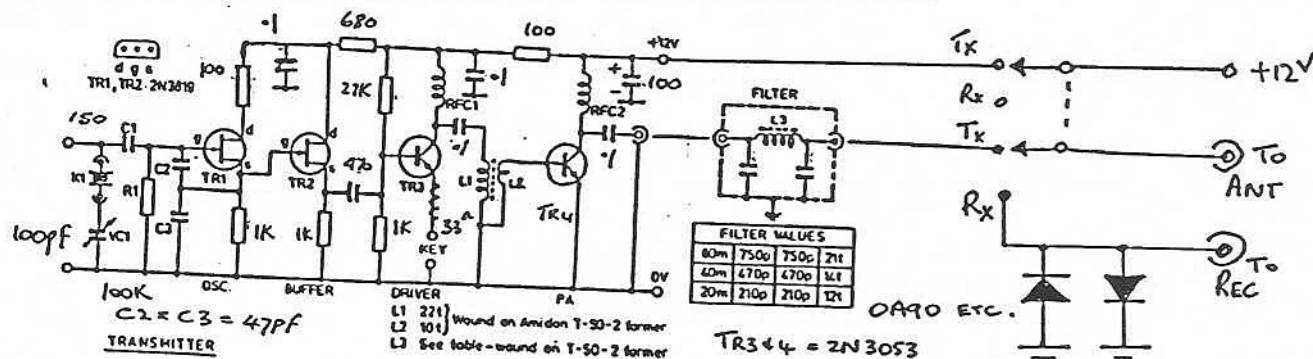
Club will support JOTA at Pax Hill on 20th to 22nd OCT.

2mtr scramble will in future be held weekly. 7.50pm RBA.

It was resolved that Club dues remain as previously

Full membership \$10, Associate \$7.50, Pensioner Student \$5.

If you don't want the VXO facility then VC1 is not used and the crystal connects to ground. The VXO will only "pull" the crystal approximately one or two khz on 80M. anyway. Transistor radios are a good source for variable capacitors for this project and our antenna tuner.



If you have any problems etc I'm a phone call away so lets know how it works. If you haven't experienced using your own "home brew" gear then try it. I will be very suprised if you don't get a great kick out of it.

73's Bob VK3BNC.

B.A.R.G. LOAN ITEMS.

=====

Did you want to borrow a 3 el. beam? Or a receiver to listen to the 80m morse broadcast??? Well the Ballarat Amateur Radio Group has a lot of equipment you can borrow as Clubmembers! Listed below is all the equipment available to you.

	Beam Antenna's.	
20M. 3 element	15M. 3 element	10M. 3 element.
6M. 5 element	2M. 5 element	

Vertical antenna's.
 2M. 1/4 wave ground plane with coax.
 80 - 10M. Trap vertical with all hardware.

Wire antenna's
 80M. Dipole with coax. 40M. Dipole with coax. 20M. Dipole with coax.

Telescopic Masts.
 3 Telescopic masts with all erection hardware.

Coaxial cable.
 Quantity 5 off 16 metre length with connectors.

Generators.
 1 - 3KVA. Petrol engine. 1 - 1KVA. Honda EC1500.

Receiver.
 1 - DRAKE Receiver SSR-1 .5 - 30Mhz.

If you would like to borrow any of these items, contact BARG Property Officer.

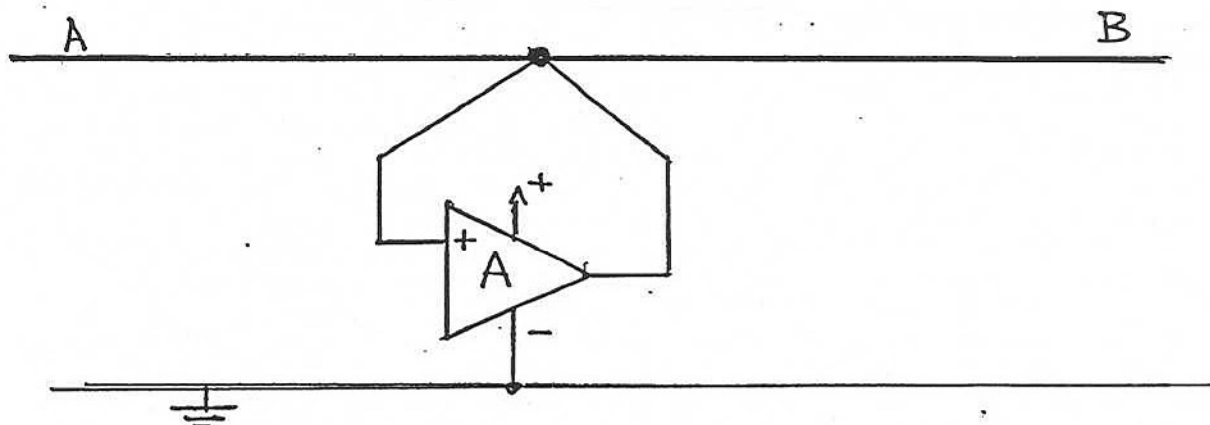
A TRICK QUESTION. (OR IS IT ?)

=====

In the circuit below, the conductor AB is a piece of 18 SWG copper wire.
 The I/C is an amplifier such as a 741.

The question is, does the circuit do anything ?

Answer, courtesy of the Editor, in the next issue.



DX AND QSL INFORMATION

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DXperditions, contests, and some good openings have had a smorgasbord of callsigns to be worked.

Calls like: ZS8MI, A15AW, EL2WK, PS7KM, A61AD, 3D2QB, 3D2RM, FT5XH, VP2EXX, BV5OV, FOØIGS, YJØAKY, ZP5XHM, CT4NH, CF25A.

If you wish to give Jeff (VK3PAP) some work over the next 12 months, (This will keep him off the bands and give us more room) get in and work some of these calls', Im sure they would be glad to send a card to you. (sorry Jeff)

Some QSL information to help you get that extra one back:

FT5XH.....QSL VIA F6GYV.
 VP2EXX..... " " KC8JH.
 BV5OC..... " TO P.O.BOX 575 CHANGHUA TAIWAN
 BZ4RCC..... " TO P.O.BOX 1827 NANJING CHINA.
 OM6IAE..... " VIA OK1AB.

They were just a few of the stations that I worked mobile, all 5/4 or better signals.

VK9EW.....QSL VIA W5EW.
 EL2WK..... " " G3COA.
 AH3C/KH5J..... " " OH2BN.
 A15AW..... " " DK9WU.
 S21U..... " " JA1UT.
 A61AD..... " " WB2DND.
 3D2QB..... " " SM5BQB.
 HKØBKK..... " " WB9NUL.
 FG5XC..... " TO PIERRE HABAZAC, F-97113, GOURBEYRE, GUADELOPE.
 C21DX Robert, (Rob went to Ballarat -U-C.) QSL TO NAURU CENTRAL RADIO CLUB, NAURU.
 T3ØNAD..... " " JO1CRA.
 ZLØAIC..... " " HB9AAA, (ZLØAIC-ANTARCTIC).
 FT5XA..... " " F6ITD.

Hope some of these may be of use to you, Good DX and QSLing.

73's de VK3CCB

CLIFF.

BOOK REVIEW.The Joy of QRP.

Strategy for Success. by Adrian Weiss, W8EEG/WORSP.

Well here is a very readable paper back style 150 page boomer for the avid Novice or the old timer alike. The author is synonymous with Qrp and presents a well balanced addition which incidently was part of a much larger manuscript which may see the light of day some time hence.

Some of the chapters covered are; "The exciting World of Qrp, Planning for Qrp operation, Putting a Qrp signal on the air using commercial equipment, Homebrewing the first Qrp rig and R.F Power measurements." The subject of power supplies gets a good airing with details of a suitable design for Qrp operation - home based of course.

If you have not ventured into this "World" before then this might be the push that you need. Some historical data on early attempts by the "Down under Guys" to break through to the "Kilowatt boys" makes interesting reading and gives some insight into the difficulties that faced our earlier experimenters.

I loved Adrian's comments on "SWR" and feel sure that this alone would be worth the purchase (or loan) of this book.

Well there we go a trip through the whole gambit of Qrp from its inception, history, construction, operating, planning, propagation and just "doing".

I am indebted to Merv, VK3ADX, for the opportunity to review this excellent publication.

Well lets hear from you if you have read any books lately which could be of interest in our "book review".

73's Bob VK3BNC.

FOR SALE

ICOM IC-28A - 2M - FM - Transceiver.

5/35 Watts output. 138-174 Mhz. Extended receive.

Excellent working condition. \$ 450

Contact Ernie, VK3DET Ph. 317684 A.H.

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Dear Sir,

I am writing you this letter for a couple of reasons. Firstly I would like to thank you for fitting me into the recent examinations you held at such short notice. I commend your promptness in replying to my initial enquiry. I am pleased that I passed the Amateur theory examination which I sat. This now entitles me to a combined limited/novice licence as I already hold the Novice certificate. I gained my original ticket 11 years ago when still at school in year 11 but due to family commitments the interest was put aside for a number of years. Not long ago the interest rekindled and the idea of going for the limited licence came to mind a couple of weeks before the exam.

Secondly, I would like to commend your club on the way in which the examination was run. I am impressed by the speed at which the results were forwarded. I hope you will pass on my thank-you to those involved in running it.

Well, perhaps I will see you again if I decide to do 1Ø w.p.m. morse code. Once again, thank-you,

Bruce McWilliam - VK3JBM.

: VISIT TO VIC TV :
: ===== :
:  THURSDAY 16th OF AUGUST.  :
: MEET AT CARPARK AT 7.30 PM. :
: *****

Q.S.L. NOTES

At the time of writing, Q.S.L. cards are being held for the following call signs:

VK3 BPP	BK3 NK	VK3 CUH
VK3 CJB	VK3 KJH	VK3 EJQ
VK3 JBC	VK3 NWN	VK3 MBO
VK3 NUY	VK3 VFP	VK3 PX

If you know any of the above calls, please pass the message on. If you are not registered to receive cards via the Bureau, you may do so by writing to W.I.A. Inwards Bureau, 38 Taylor Street, Ashburton, Vic. 3147. You must then nominate Ballarat Amateur Radio Group as your distribution point. This is a free service to W.I.A. members, there is a fee payable for non members.

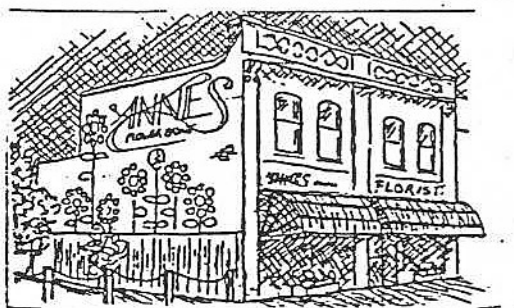
73's JEFF. VK3 PAP.

10 Williams Studios

42 Sturt Street,
Ballarat.

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black and white for Q.S.L. cards
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